IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Applicant(s): Bayrakeri et al. Case: DIVA/071CIP3CON1

Serial No.: not assigned Filed: herewith

Group Art Unit: not assigned Examiner: not assigned

Title: EFFICIENT ENCODING ALGORITHMS FOR DELIVERY OF

SERVER-CENTRIC INTERACTIVE PROGRAM GUIDE

COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, VA 22313-1450

SIR:

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97 AND 1.98

The references cited on the attached form PTO-1449 are being called to the attention of the Examiner. Pursuant to 37 C.F.R. 1.98(d), these documents were previously cited by or submitted with a Disclosure Statement in a prior application that is relied upon by the above-identified continuation application for an earlier filing date under 35 U.S.C. 120. As such, the documents may be found in the file wrapper of U.S. patent applications serial numbers 09/602,547, filed June 21, 2000; 09/293,526, filed April 15, 1999; 09/359,559, filed July 22, 1999; and 09/384,394, filed August 27, 1999 (now U.S. Patent 6,621,870, issued September 16, 2003).

It is respectfully requested that the cited information be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement, since it is being submitted prior to the first Office Action. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-0782.

Respectfully submitted,

10128/0

By:

Eamon J. Wall, Attorney

Reg. No. 39,414 (732) 530-9404

Moser, Patterson & Sheridan, LLP 595 Shrewsbury Avenue Suite 100 Shrewsbury, NJ 07702

Telephone: 732-530-9404 Facsimile: 732-530-9808

Applicati nN .: not assigned

Attorney Docket No. DIV A/071CIP3CI LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE Filing Date:

FORM PTO-1449 (Modified)

Applicant: Baurakeri etal

Group: Unknown

herewith STATEMENT (Use several sheets if necessary) **U.S. PATENT DOCUMENTS** Page 1 Reference Designation Filing Date Sub-class Class Document No. Name **Examiner Initial** (If Appropriate) 340 723 09/15/1981 Traster 4,290,063 340 726 03/13/1984 Bradley 4,437,093 2 147 358 01/29/1985 Swanson et al. 4,496,976 3 340 750 O'Keefe et al. 05/28/1985 4,520,356 4 340 825.31 07/15/1986 **Thomas** 4,600,921 5 Skerlos et al. 358 22 12/30/1986 4,633,297 6 Young 142 11/10/1987 358 7 4,706,121 20 380 12/08/1987 Frezza et al. 8 4,712,239 86 358 Pocock et al. 4,734,764 03/29/1988 9 750 340 4,739,318 04/19/1988 Cohen 10 340 723 05/03/1988 Nakagawa et al. 4,742,344 11 84 05/17/1988 Von Kohorn 358 4,745,468 12 183 06/14/1988 Reiter et al. 358 4,751,578 13 86 Nussrallah et al. 358 12/20/1988 14 4,792,848 86 McCalley et al. 358 12/20/1988 4,792,849 15 358 86 McCalley et al. 05/09/1989 4,829,372 16 10 05/09/1989 Seth-Smith et al. 380 4,829,569 17 47 369 07/11/1989 Levine 4,847,825 18 342 McCalley et al. 358 08/22/1989 19 4,860,123 20 380 Seth-Smith et al. 09/12/1989 4,866,770 20 358 84 Von Kohorn 21 4,876,592 10/24/1989 10 380 4,885,775 12/05/1989 Lucas 22 20 Seth-Smith et al. 380 12/26/1989 4,890,321 23 342 .02/27/1990 Pocock et al. 358 4,905,094 24 335 Levine 358 03/13/1990 4,908,713 25 Von Kohorn 358 84 ' 05/15/1990 4,926,255 26 358 86 07/10/1990 Pocock et al. 4,941,040 27 335 358 Levine 10/16/1990 28 4,963,994 142 358 4,977,455 12/11/1990 Young, 29 141 358 02/05/1991 Johnson et al. 4.991.011 30 86 02/19/1991 Kuban et al. 358 4,994,908 31 Pocock et al. 358 86 05/07/1991 5,014,125 32 84 07/23/1991 Von Kohorn 358 33 5,034,807 358 142 08/06/1991 Hallenbeck 34 5,038,211 84 358 5,057,915 10/15/1991 Von Kohorn 35 20 10/15/1991 Banker et al. 380 36 -5,058,160

					4	
FORM PTO-1449 (Modified)		Attorney Docket N .: DVA 1071C1P3C1 Application N .: not ass			not assigned	
I ICT OF PATEN	ITS AND PUBLI	CATIONS FOR		keri et al		
APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Filing Date: Nercwith		Group: Un Known 24		
37 37	5,109,279	04/28/1992	Ando	358	147	· 0
38	5,113,496	05/12/1992	McCalley et al.	395	200	
39	5,119,188	06/02/1992	McCalley et al.	358	86	
40	5,123,046	06/16/1992	Levine	380	10	·.
41	5,128,752	07/07/1992	Von Kohorn	358	84	
42	5,146,210	09/08/1992	Heberle	340	709	
43	5,151,789	09/29/1992	Young	358	194.1	
44	5,191,410	03/02/1993	McCalley et al.	358	86	·
45	5,195,092	03/16/1993	Wilson et al.	370	94.2	•
46	5,208,665	05/04/1993	McCalley et al.	358	86	
47	5,227,874	07/13/1993	Von Kohorn	358	84	
48	5,231,665	07/27/1993	Auld et al.	380	20	
49	5,239,540	08/24/1993	Rovira et al.	370	77	
50	°5,247,364	09/21/1993	Banker et al.	358	191.1	*
51	5,249,044	09/28/1993	Von Kohorn	358	86	
52	5,260,778	11/09/1993	Kauffman et al.	358	86	
53	5,270,809	12/14/1993	Gammie et al.	358	84	100
54	5,283,734	02/01/1994	Von Kohorn	364	412	
55	5,293,357	03/08/1994	Hallenbeck	348	734	
56	5,297,204	03/22/1994	Levine	380	10	*:
57	5,301,028	04/05/1994	Banker et al.	348	570	0.00
58	5,303,295	04/12/1994	West et al.	380	10	
59	5,307,173	04/26/1994	Yuen et al.	358	335	
60	5,319,454	06/07/1994	Schutte	348	5.5	
61	5,319,707	06/07/1994	Wasilewski et al.	380	14	
62	5,335,079	08/02/1994	Yuen et al.	358	335	
63	5,353,121	10/04/1994	Young et al.	348	563	
64	5,365,282	11/15/1994	Levine	348	734	
65	5,373,330	12/13/1994	Levine	348	734	
66	5,382,983	01/17/1995	Kwoh et al.	348	716	
67	5,400,401	03/21/1995	Wasilewski et al.	380	9	
68	5,406,558	04/11/1995	Rovira et al.	370	77	
	5,414,448	05/09/1995	Wada et al.	345	194	
69		05/09/1995	Levine	379	67	
70	5,414,756	05/30/1995	Levine	348	734	
71	5,420,647	06/06/1995	Hooper et al.	348	409	
72	5,422,674	06/27/1995	Ingram et al.	348	726	-
73 74	5,428,404 5,438,370	08/01/1995	Primiano et al.	348	476	

•

•

•

FORM PTO-1449 (Modified)			Attorney Docket No.: Divaloricipa (Applicati n. N.: not assigned				
TICT OF PATE	NTS AND PUBLI	CATIONS FOR	Applicant: Bayraker			7	
APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Filing Date: herewith		Group: Un Known 3 of			
STATEMENT (5,440,632	08/08/1995	Bacon et al.	380	20	. 0	
	5,473,609	12/05/1995	Chaney	370	94.1		
76	5,473,704	12/05/1995	Abe	382	235		
<u>77</u>		12/12/1995	Yuen et al.	340	825.72		
78	5,475,382	12/19/1995	Banker et al.	348	7		
79	5,477,262	12/26/1995	Young et al.	358	335		
80	5,479,266			358	335	<u> </u>	
81	5,479,268	12/26/1995	Young et al.	348	563	•	
82	5,485,221	01/16/1996	Banker et al.	{	 	<u></u>	
83	5,488,409	01/30/1996	Yuen et al.	348	5		
84	5,493,339	02/20/1996	Birch et al.	348	461		
85	5,502,504	03/26/1996	Marshall et al.	348	565		
86	5,508,815	04/16/1996	Levine	358	335	<u> </u>	
87	5,515,173	05/07/1996	Mankovitz et al.	358	335	<u> </u>	
88	5,523,794	06/04/1996	Mankovitz et al.	348	460	1	
89	5,523,796	06/04/1996	Marshall et al.	348	589	ξ.	
90	5,532,732	07/02/1996	Yuen et al.	348	1 -	. "	
91	5,532,754	07/02/1996	Young et al.	348	569	<u> </u>	
92	5,539,391	07/23/1996	Yuen	340	825.72		
93	5,539,822	07/23/1996	Lett	380	20		
94	5,543,852	08/06/1996	Yuen et al.	348	478	·	
95	5,550,576	08/27/1996	Klosterman	348	6		
96	5,552,837	09/03/1996	Mankovitz	348	734		
97	5,553,123	09/03/1996	Chan et al.	379	102	:	
98	5,559,550	09/24/1996	Mankovitz	348	6		
99	5,559,870	09/24/1996	Patton et al.	379	107		
100	5,568,272	10/22/1996	Levine	386	48		
101	5,579,055	11/26/1996	Hamilton et al.	348	476	· · · · ·	
102	5,579,057	11/26/1996	Banker et al.	348	589		
103	5,581,614	12/03/1996	Ng et al.	380	20		
104	5,592,551	01/07/1997	Lett et al.	380	20		
105	5,600,378	02/04/1997	Wasilewski et al.	348	468		
106	5,600,711	02/04/1997	Yuen	379	102		
107	5,604,528	02/18/1997	Edwards et al.	348	5.5		
107	5,619,247	04/08/1997	Russo	348	3	1	
109	5,619,274	04/08/1997	Roop et al.	348	461	1	
	5,619,383	04/08/1997	Ngai	360	20	<u>. </u>	
110	5,621,579	04/06/1997	Yuen	386	121		
111	5,630,119	05/13/1997	Aristides et al.	395	601		

.

•

FORM PTO-1449	9 (Modified)		Attorney Docket No.: DIVA			not assigne
LIST OF PATENTS AND PUBLICATIONS FOR			Bayraker			
APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Filing Date: herewith		Group: 4 of 10		
113	5,644,354	07/01/1997	Thompson et al.	348	13	U
114	5,659,367	08/19/1997	Yuen	348	465	
115	5,673,089	06/10/1997	Yuen et al.	604	95	
116	5,675,575	10/07/1997	Wall, Jr. et al.	370	326	
117	5,684,525	11/04/1997	Klosterman	348	12	
118	5,692,214	11/25/1997	Levine	395	833	·
119	5,701,383	12/23/1997	Russo et al.	386	46	
120	5,710,601	01/20/1998	Marshall et al.	348	564	
121	5,715,515	02/03/1998	Akins, III et al.	455	4.1	
122	5,716,273	02/10/1998	Yuen	463.	29	
123	5,724,203	03/03/1998	Kwoh et al.	360	72.3	
124	5,724,525	03/03/1998	Beyers, II et al.	395	240	•
125	5,727,060	03/10/1998	Young	380	10	
126	5,731,844	03/24/1998	Rauch et al.	348	563	
127	5,751,282	05/12/1998	Girard et al.	345	327	=
128	5,754,940	05/19/1998	Smith et al.	455	5.1	
129	5,757,416	05/26/1998	Birch et al.	348	.6	9
130	5,764,739	06/09/1998	Patton et al.	379	106.03	
131	5,771,064	06/23/1998	Lett	348	10	
132	5,790,198	08/04/1998	Roop et al.	348	460	·
133	5,790,806	08/04/1998	Koperda	395	200.82	
134	5,801,753	09/01/1998	Eyer	348	13	
135	5,801,787	09/01/1998	Schein et al.	348	569	
136	5,805,204	09/08/1998	Thompson et al.	348	13	<u></u>
137	5,808,608	09/15/1998	Young et al.	345	327	·
138	5,809,204	09/15/1998	Young et al.	386	83	
139	5,812,205	09/22/1998	Milnes et al.	348	460	:
140	5,828,420	10/27/1998	Marshall et al.	348	564	<u> </u>
141	5,828,945	10/27/1998	Klosterman	455	4.2	
142	5,844,620	12/01/1998	Coleman	348	461	
143	5,850,218	12/15/1998	Lajoie et al.	345	327	
144	5,852,478	12/22/1998	Kwoh	348	734	
145	5,854,840	12/29/1998	Cannella, Jr.	380	9	
146	5,870,150	02/09/1999	Yuen	348	553	,
147	5,870,474	02/09/1999	Wasilewski et al.	380	21	
148	5,880,768	03/09/1999	Lemmons	348	1 .	
149	5,915,068	06/22/1999	Levine	386	83	
150	5,949,476	09/07/1999	Pocock et al.	348	24	

: -

•

FORM PTO-1449 (Modified)		Attorney Docket No.:	DUAJOTICIP3CI	Application No.:	not assigned		
T ICT OF DATE	NTS AND PUBL	ICATIONS FOR	Applicant: Bay	rakeri et al	•		
APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		1	4		Group: un Known 5 of 10		
151	B1 4,706,121	12/14/1993	Young	358	142	0	
152	Re 32,187 (4,213,124)	06/17/1986	Barda et al.	340	706		
153	Re 35,954 (5,297,204)	11/10/1998	Levine	380	10		
	1 (-,	FOF	REIGN PATENT DOC	UMENTS		•	
	Document No.	Date	Country	Class	Sub-class	Translation (Yes/No)	
154					<u> </u>		
155			·			<u> </u>	
156							
. 157							
158						<u> </u>	
159		·				<u> </u>	
	•	·					
	0	THER ART (Incl	uding Author, Title, D	ate, Pertinent Pages,	Etc.)		
160				٧.		*	
			·	• •	·		
162		·					
163		·					
164				•	· · · · · · · · · · · · · · · · · · ·		
EYAMINER	1		DATE CONSIDER	ŒD			

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 6 of 10 sheet(s) U.S. Department of Commerce, Patent and Trademark Office ' Docket No. Serial No. (PTO Form 1449 modified) DIVA/071CIP3CON1 Not yet assigned INFORMATION DISCLOSURE STATEMENT BY APPLICANT Confirmation No.: Applicant: Not yet assigned Bayrakeri LIST OF PATENTS AND PUBLICATIONS CITED BY APPLICANT (Use several sheets if necessary) Filing Date Group Examiner not yet assigned herewith Not yet assigned **U.S. Patent Documents** Class Subclass *Examiner Document Issue Applicant(s) Filing Date If Initial Number Date Name **Appropriate A1** 4,567,512 1-1986 Abraham 358 86 **A2** 09-1995 423.1 5,448,568 Delpuch et al. 348 **A3** 5,500,933 03-1996 Schnorf 707 500.1 **A4** 5,559,549 9-1996 Hendricks et al. 348 6 **A5** 5,585,838 12-1996 Lawler et al. 725 54 A6 5,598,525 01-1997 Nally et al. 345 546 **A7** 5,623,308 Civanlar et al. 4-1997 348 392. **A8** 5,635,978 6-1997 Alten et al. 348 7 **A9** 375 5.668.599 09-1997 Cheney et al. 240.15 A10 5,682,511 10-1997 395 Sposato et al. 353 Volk et al. A11 5,687,331 11-1997 345 840 A12 5,694,176 12-1997 Bruette et al. 348 563 A13 5.719.646 2-1998 Kikuchi et al. 348 845.1 A14 5,734,853 3-1998 Hendricks et al. 395 352 A15 7-1998 5,748,095 Robbins et al. 348 6 **Foreign Patent Documents** *Examiner Document Date Country Class Subclass Translation Initial Number YES NO **B**1 WO 97/13368 10.04.97 **PCT** H04N 7/10 0 838 958 A1 B2 4.29.98 7/58 П Europe H04N П **B3** 94/14282 **PCT** 6.23.94 H04N 7/16 П П **B4**

*Examiner Initial Including Author, Title, Date, Pertinent Pages, Etc.

C1

C2

Examiner Date Considered

П

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

Sheet 7 of 10 sheet(s) Serial No. U.S. Department of Commerce, Patent and Trademark Office Docket No. (PTO Form 1449 modified) INFORMATION DISCLOSURE STATEMENT BY APPLICANT Confirmation No.: Applicant: LIST OF PATENTS AND PUBLICATIONS CITED BY APPLICANT (Use several sheets if necessary) Filing Date Group Examiner **U.S. Patent Documents** Document Issue Applicant(s) Class Subclass Filing Date If *Examiner Initial Number Name **Appropriate** Date AA1 5,754,783 5-1998 Mendelson et al. 395 200.47 AA2 5,768,539 Mertz et al. 725 06-1998 132 AA3 5,781,228` 7-1998 Sposato 348 13 7 AA4 5,790,172 8-1998 **Imanaka** 348 AA5 5,793,438 348 8-1998 **Bedard** 569 AA6 5,798,785 8-1998 Hendricks et al. 725 46 AA7 5,801,747 9-1998 **Bedard** 348 1 Kostresti et al. 8AA 5,822,324 10-1998 370 487 AA9 5,838,383 11-1998 Chimoto et al. 348 553 AA10 5,859,660 01-1999 725 Perkins et al. 32 AA11 5,861,881 1-1999 Freeman et al. 715 500.1 AA12 5,867,208 2-1999 McLaren 348 13 AA13 5,907,323 5-1999 345 Lawler et al. 327 **Foreign Patent Documents** *Examiner Document Subclass Date Country Class Translation Initial Number YES NO **B**1 B2 П **B3** П **B4** П \Box **OTHER ART** *Examiner Including Author, Title, Date, Pertinent Pages, Etc. Initial C1 C2 C3 C4 C5 Examiner **Date Considered** *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through

citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

Sheet 8 of 10 sheet(s)

U.S. Department of Commerce, Patent and Trademark Office					Docket No.		Serial No.			
(PTO Form		dified) CLOSURE STAT	EMENT BY APE	PLICANT	Applican	4.	Confirmati	on No :		
					Applican	ι.	Comminau	OII NO		
(Use several sheets if necessary) Examiner						Filing Date				
						Filing Date Group				
U.S. Patent					-					
*Examiner		Document	Issue	Applicant(s)	Class	Subclass	Filing Date I	f		
Initial		Number	Date	Name			Appropriate	_		
	AB1	5,917,830	06-1999	Chen et al.	370	487				
	AB2	5,940,073	8-1999	Klosterman et al.	345	327				
	AB3	5,966,120	10-1999	Arazi et al.	345	327				
	AB4	6,005,561	12-1997	Hawkins et al.	345	327				
	AB5	6,005,562	12-1999	Shiga et al.	345	721				
	AB6	6,034,677	3-2000	Noguchi et al.	345	327				
	AB7	6,075,575	6-2000	Schein et al.	348	734				
-	AB8	6,130,898	10-2000	Kostreski et al.	725	87				
	AB9	6,141,385	10-2000	Ya,ako	375	240.27				
	AB10	6,147,714	11-2000	Terasawa et al.	348	564		- · <u>-</u>		
	AB11	6,157,673	12-200	Cuccia	375	240				
F reign Pa	tent Doc	uments								
*Examiner Initial	1 1 -	Document Number	Date	Country	Class	Subclass	Transla YES	ition NO		
	B1		_							
	B2									
	В3			-						
	B4									
	B5					1				
OTHER AR	T				<u></u>			L		
*Examiner Initial	I	ncluding Author,	Title, Date, Perti	nent Pages, Etc.						
	C1									
	C2						· · · · · · · · · · · · · · · · · · ·			
	C3						_	·· ·		
	C4									
	C5		-					· · · · · ·		

Sheet 9 of 10 sheet(s) U.S. Department of Commerce, Patent and Trademark Office Docket No. Serial No. (PTO Form 1449 modified) INFORMATION DISCLOSURE STATEMENT BY APPLICANT Confirmation No.: Applicant: LIST OF PATENTS AND PUBLICATIONS CITED BY APPLICANT (Use several sheets if necessary) Filing Date Group Examiner **U.S. Patent Documents** Document Applicant(s) Filing Date If *Examiner Issue Class Subclass Initial Number Name **Appropriate** Date AC1 6,160,545 12-2000 345 327 Eyer et al. AC2 6,172,674 1-2001 Etheredge 345 327 AC3 6,177,931 1-2001 Alexander et al. 345 327 AC4 6,208,335 3-2001 Gordon et al. 345 327 AC5 Smith 345 6,222,531 4-2001 327 AC6 6,239,794 5-2001 Yuen et al. 345 327 AC7 6,240,555 5-2001 Shoff et al. 725 110 AC8 6,288,738 9-2001 Dureau et al. 348 6 370 AC9 6,414,970 7-2002 Negishi et al. 510 6,415,437 AC10 7-2002 Ludvig e al. 725 41 AC11 6,470,460 Kashiwagi et al. 713 10-2002 501 AC12 6,481,012 11-2002 Gordon et al. 725 54 **Foreign Patent Documents** *Examiner Document Date Country Class Subclass Translation Initial Number YES NO **B1** \Box **B2 B3** П **B4** П **B5** \Box **OTHER ART** *Examiner Including Author, Title, Date, Pertinent Pages, Etc. Initial C1

C4 C5 Date Considered

C2 C3

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

Sheet 10 of 10 sheet(s) U.S. Department of Commerce, Patent and Trademark Office ' Docket No. Serial No. (PTO Form 1449 modified) INFORMATION DISCLOSURE STATEMENT BY APPLICANT Applicant: Confirmation No.: LIST OF PATENTS AND PUBLICATIONS CITED BY APPLICANT (Use several sheets if necessary) Filing Date Group Examiner **U.S. Patent Documents** *Examiner Applicant(s) **Subclass** Document Issue Class Filing Date If Initial Number Name **Appropriate** Date AD1 6,584,153 06-2003 Gordon et al. 375 240.13 AD2 6,621,870 09-2003 Gordon et al. 375 240.28 AD3 AD4 AD5 AD6 AD7 AD8 AD9 AD10 AD11 **Foreign Patent Documents** *Examiner Document Date Country Class Subclass Translation Initial Number YES NO **B1** П B2 \Box П **B3** \Box \Box **B4 B5 OTHER ART** *Examiner Including Author, Title, Date, Pertinent Pages, Etc. Initial C1 C2 C3 C4 C5

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

Date Considered

Examiner